

1. Type of the analysis: offline

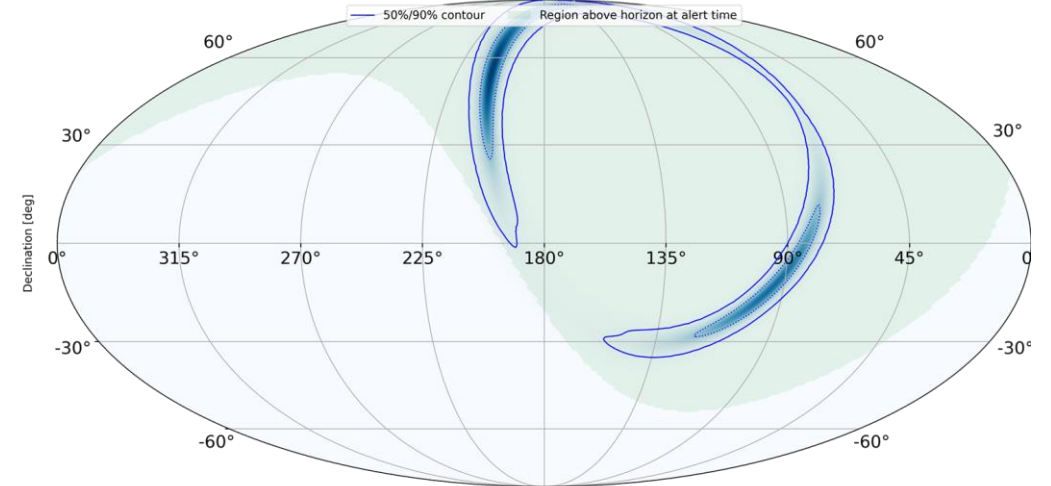
2. Analysis approach:

Combined ARCA+ORCA binned likelihood framework

$$\log_{10} L = \sum_{bins} N_i \log(B_i + \mu S_i) - (B_i + \mu S_i)$$

→ Pex for signal & signal+background hypotheses

→ TS extracted for each GW pixel



3. Expected outcomes/constraints: limits of the neutrino flux

4. People: Ilaria Del Rosso & Giulia Illuminati (INFN-Bologna) +
 Francesco Magnani & Damien Dornic (CPPM)

5. Status: Framework under implementation (Bologna) +
 Classifier for optimised event selection developing (CPPM)